

## SHORT COURSE T1 on CENTRIFUGAL COMPRESSORS 101

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**Jay M. Koch** is the Manager Configure to Order Engineering, Centrifugal compressors. He has been employed at Dresser-Rand since 1991, working primarily in the Aerodynamics Group before being promoted to Manager of Aero/Thermo Design Engineering in 2005. Prior to joining Dresser-Rand he was employed by Allied Signal Aerospace. He holds a BS degree in Aerospace engineering from Iowa State University. During his time in the Aerodynamics Group, his responsibilities included the development, design, and analysis of aerodynamic components of centrifugal compressors. Additionally he was responsible for the development of software used to select and predict centrifugal compressor performance. Jay has co-authored many technical papers.

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**Mark J. Kuzdzal** is the Manager of the Centers of Technical Excellence organization for Dresser-Rand Company. He is currently responsible for overseeing Rotordynamics, Materials, Welding, Solid Mechanics, Aero/thermo dynamics and Acoustics disciplines. He has been employed there since obtaining his B.S. Degree (Mechanical Engineering, 1988) from the State University of New York at Buffalo. His areas of expertise focus on rotordynamics, bearing performance, and product/process development. He has co-authored numerous technical papers and holds two U.S. Patents. Mr. Kuzdzal is a member of the Texas A&M turbo machinery advisory committee and the Penn State Mechanical Engineering Technology industrial advisory committee.

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